TOSHA
MOST CITED for Manufacturing NAICS codes 31, 32 & 33
January 2017 – December 2017

TN Department of Labor & Workforce Development | TOSHA

Rank	Standard	Section Title	Description
1	1910.1200	Hazard Communication	(h)(1) Lack of effective information & training on hazardous chemicals (e)(1) Lack of a written hazard communication program on site (f)(6)(ii) In house chemical containers did not have identity of chemical & words, pictures, symbols, or hazard statements (g)(8) Lack of employer maintaining in the workplace copies of the required safety data sheets for each hazardous chemical, and ensure that they are readily accessible during each work shift to employees when they are in their work areas. (g)(1) Lack of safety data sheet availability (f)(6) Hazardous chemicals not labeled (e)(1)(i) Lack of a list of the hazardous chemicals known to be present using a product identifier that is referenced on the appropriate safety data sheet (f)(10) Chemical labels were not legible, in English, and prominently displayed on the container, or readily available in the work area (h)(3)(ii) Employee training did not include the physical, health, simple asphyxiation, combustible dust, and pyrophoric gas hazards, as well as hazards not otherwise classified, of the chemicals in the work area (h)(3)(iii) Employee training did not include the measures employees can take to protect themselves from these hazards
2	1910.212	Machine Guarding	(a)(1) Lack of machine guarding, point of operation, ingoing nip points, rotating parts, flying chips, & sparks (a)(3)(ii) Lack of point of operation guarding (a)(2) Guards not affixed & secured (a)(5) Lack of guard on fan blades less than 7 feet high (b) Machines designed for a fixed location were not securely anchored to prevent walking or moving
3	TDLWD Rule 0800-01-09	Tennessee Right to Know	.07 Lack of annual training on hazardous chemicals .06(2) Lack of labeling of non-containerized hazardous chemicals, i.e. carbon monoxide .07(4) Training records were not maintained
4	TCA 50-3-105(1)	General Duty	Lack of employment free from recognized hazards, causing, likely to cause, death or serious injury or harm
5	1910.147	Energy Control Procedures	(c)(4)(i) Energy control procedures were not developed, documented, and utilized (c)(4)(ii) Procedures did not state scope, purpose, authorization, rules, & techniques to control hazardous energy (c)(7)(i) & (c)(7)(i)(A) Lack of training resulting in knowledge & skills required for safe application & removal of energy controls (c)(6)(i) Lack of annual inspection of energy control procedures (c)(1) Lack of established program of energy control procedures (c)(5)(ii)(D) Lockout devices and tag-out devices did not indicate the identity of the employee applying the device(s) (c)(5)(i) Lack of locks, tags, chains, or other hardware provided for isolating securing or blocking of energy sources (d)(4)(i) Lockout or tag-out devices were not affixed to each energy isolating device by authorized employees (c)(7)(i)(B) Each affected employee was not instructed in the purpose and use of the energy control procedure

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6	**1910.303**	**Electrical General**	(b)(2) Listed or labeled equipment was not installed and used in accordance with any instructions included in the listing or labeling (g)(2)(i) Live parts of electric equipment operating at 50 volts or more were not guarded against accidental contact (b)(7)(iv) There was damaged parts used that may adversely affect safe operation or mechanical strength of the equipment (f)(2) Each service, feeder, and branch circuit, at its disconnecting means or overcurrent device, were not legibly marked to indicate its purpose (g)(1) Sufficient access and working space was not provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment (g)(1)(ii) Working space required by this standard was used for storage (b)(1) Electric equipment was not free from recognized hazards that are likely to cause death or serious physical harm to employees (b)(1)(ii) Safety of equipment was not determined using mechanical strength and durability, including, for parts designed to enclose and protect other equipment (b)(7)(i) Unused openings in boxes, raceways, auxiliary gutters, cabinets, equipment cases, or housings were not effectively closed to afford protection substantially equivalent to the wall of the equipment (g)(1)(i) Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized did not comply with the required dimensions
7	**1910.133**	**Eye & Face Protection**	(a)(1) Lack of face & eye protection when exposed to eye & face hazards (a)(3) Employees who wear prescription lenses while engaged in operations that involve eye hazards did not wear eye protection that incorporates the prescription in its design or wear eye protection that can be worn over the prescription lenses (a)(2) Eye protection that provides side protection was not utilized when there is a hazard from flying objects
8	**1910.151**	**Medical and First Aid**	(c) Lack of eyewash & shower when employees exposed to a splash potential from a corrosive chemical (b) Lack of first aid providers
9	**1910.242**	**Hand and Portable Powered Tools and Other Hand-Held Equipment**	(b) Compressed air was used for cleaning purposes and not reduced to less than 30 p.s.i.
10	**1910.134**	**Respiratory Protection**	(e)(1) Lack of medical evaluation (c)(2)(i) Lack of Appendix D when respirator use is voluntary (c)(1) Lack of written respiratory protection program (c)(2)(ii) Lack of required program elements for the voluntary use of respirators (f)(2) Lack of initial & annual fit testing (h)(2)(i) Lack of proper respirator storage to protect from damage (d)(1)(iii) Lack of identifying and evaluating respiratory hazards in the workplace (f)(1) Lack of qualitative or quantitative fit testing (k)(3) Lack of training prior to use of respirator (g)(1)(i)(A) Employees with facial hair that affects the seal of a tight-fitting respirator were wearing respirators with tight-fitting face-piece
11	**1910.215**	**Abrasive Wheel Machinery**	(b)(9) Lack of safety guards constructed so that peripheral protecting member can be adjusted constantly decreasing diameter of the wheel (a)(4) Work rest on offhand grinding machines not used to support work, not of rigid construction, not adjustable, not secured, & no more than 1/8th from wheel (a)(1) Abrasive wheels not used on machines with safety guards (a)(2) Lack of guard to cover spindle end, nut, and flange projections

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12	**1910.305**	**Wiring Methods, Components, and Equipment for General Use**	(g)(2)(iii) Lack of strain relief on flexible cords (g)(1)(iv)(A) Flexible cords substituted for fixed wiring (b)(1)(ii) Opening in cabinets, boxes, & fittings not effectively closed (g)(2)(ii) Lack of flexible cords in continuous lengths without splice or tap (g)(1)(iv) Flexible cords were being used for purposes prohibited by subparagraphs (A) through (F) of this section (b)(2)(i) Lack of covers (a)(1)(i) Metal raceways, cable armor, and other metal enclosures for conductors were not connected to all boxes, fittings, and cabinets to provide effective electrical continuity (g)(1)(iv)(D) Flexible cords attached to building surfaces (g)(1)(iv)(B) Flexible cords were run through holes in walls, ceilings, or floors (g)(1)(iv)(C) Flexible cords were run through doorways, windows, or similar openings
13	**1910.157**	**Portable Fire Extinguishers**	(c)(1) Did not mount, locate, & identify fire extinguishers (e)(2) Portable fire extinguishers were not visually inspected monthly (c)(4) Portable fire extinguishers were not maintained in a fully charged and operable condition and kept in designated places (e)(3) Potable fire extinguishers were not checked annually (g)(1) Lack of educational program on general principles of extinguisher use & hazards during incipient stage fire fighting (g)(2) Employee training was not conducted upon initial employment and annually thereafter (e)(1) Portable fire extinguishers were not inspected, maintained, and tested
14	**TDLWD Rule 0800-01-03**	**OSHA 300 Log**	.03(27)(b)1 Lack of required documentation on 300 log .05(1)(a)2 In-patient hospitalization, amputation, or loss of eye was not reported to TOSHA within 24 hours after the incident .03(27)(a) Lack of use of OSHA 300 log, 300A, & 301 forms .03(27)(b)3 Each reportable injury was not recorded on the OSHA 300 log and OSHA 301 Incident Report within 7 days .04(3)(b)3 OSHA 300A summary form was not certified by company executive .04(3)(b)6 OSHA 300A summary form was not posted between February 1 and April 30 .03(27)(b)2 Lack of completion of OSHA 301 for each case on log .04(3)(b)2 OSHA 300A annual summary form was incomplete .05(1)(a)1 Workplace fatality was not reported to TOSHA within 8 hours .05(2)(b)2 OSHA recordkeeping forms were not provided with 4 hours of the request
15	**1910.178**	**Powered Industrial Truck**	(p)(1) Truck was not taken out of service when found in need of repair, defective or unsafe (l)(4)(iii) Operator performance not evaluated once every 3 years (q)(7) Lack of daily inspection of industrial truck (l)(6) Operator training was not certified (a)(6) Nameplates and markings were not maintained in a legible condition (a)(4) Modifications and additions were performed without manufacturers prior written approval (l)(1)(i) Lack of operator competency through demonstration, training & evaluation (l)(1)(ii) Operator training not successfully completed prior to employee operating a powered industrial truck (a)(5) Front-end attachments other than factory installed attachments, were not marked to identify the attachments and show the approximate weight of the truck and attachment combination at maximum elevation with load laterally centered (m)(2) Employees were standing or passing under elevated portion of powered industrial truck

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16	**1910.22**	**Walking, Working Surfaces – General**	(a)(1) Passageways, storerooms, & service rooms were not kept clean, orderly, & in a sanitary condition (a)(2) Work floor not maintained clean & dry so far as possible (d)(1) Lack of overhead load approval rating (a)(3) Walking-working surfaces were not maintained free of hazards (c) A safe means of access and egress to and from walking-working surfaces was not provided and used
17	**1910.132**	**Personal Protective Equipment**	(d)(1) Lack of personal protective equipment hazard assessment (d)(2) Hazard assessment was not certified (a) PPE was not provided, used, and maintained in a sanitary and reliable condition (f)(1) Lack of training on personal protective equipment selected (d)(1)(i) The types of PPE that will protect the affected employee from the hazards identified in the hazard assessment were not selected and used (d)(1)(iii) Proper fitting PPE was not selected for each affected employee (f)(1)(v) Training did not include the proper care, maintenance, useful life and disposal of the PPE (f)(2) Each employee did not demonstrate an understanding of the training and ability to use PPE properly before preforming work requiring the use of PPE
18	**1910.138**	**Hand Protection**	(a) Lack of appropriate hand protection
19	**1910.219**	**Mechanical Power-Transmission Apparatus**	(f)(3) Lack of enclosing sprocket wheels & chains below 7 feet (e)(1)(i) Lack of guarding horizontal belts 7 feet or less from the floor (d)(1) Lack of guarding pulleys 7 feet or less from the floor (b)(1) Lack of guarding on flywheels located 7 feet or less above floor or platform (c)(4)(i) Projecting shaft ends not smooth & projecting more than ½ diameter of shaft while not guarded (e)(3)(i) Lack of guarding on vertical and inclined belts (f)(1) Lack of proper guarding of gears (c)(4)(ii) Unused keyways on shaft ends were not filled up or covered

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20	**1910.107**	**Spray Finishing Using Flammable and Combustible Materials**	(g)(2) Spraying areas were not kept as free from the accumulation of deposits of combustible residues and tools used for cleaning purposes were not of non-sparking material (b)(9) Spray booths were not installed so that all portions are readily accessible for cleaning and clear space of not less than 3 feet on all sides was not kept free from storage or combustible construction (b)(5)(i) The spraying operations was not designed, installed, and maintained so that the average air velocity over the open face of the booth was not less than 100 linear feet per minute (e)(2) Incorrect quantity of flammable liquids or liquids with a flashpoint greater than 199.4 °F were kept in the vicinity of spraying operations and bulk storage of flammable liquids were not in a separate, constructed building detached from other important buildings or cut off in a standard manner (c)(5) Electrical equipment in spray areas, containing ignitable residue and explosive vapors, was not wired in rigid conduit or in boxes or fittings containing no taps, splices, or terminal connections or approved for the location (g)(7) "No smoking" signs were not conspicuously posted at all spraying areas and paint storage rooms (b)(10) Fixed lighting units were not used as a source of illumination. Panels were not isolating the spray area from the lighting unit and were not of a noncombustible material or protected so that breakage is unlikely. Panels were not arranged so that accumulations of residue on the exposed surface of panel will not be raised to a dangerous temperature from the source of illumination. (b)(5)(ii) All discarded filter pads and filter rolls were not immediately removed to a safe, well-detached location or placed in a water-filled metal container and disposed of at the close of the day's operation. (b)(5)(iv) Space within spray booth on the downstream and upstream sides of filters were not protected with approved automatic sprinklers (c)(2) Open flame or spark producing equipment was located in spraying area or within 20 feet thereof and was not separated by a partition
21	**1910.304**	**Wiring Design and Protection**	(g)(5) The path to ground from circuits, equipment, and enclosures was not permanent, continuous, and effective (b)(3)(i) All 125-volt, single-phase, 15- and 20-ampere receptacles installed in bathrooms or on rooftops did not have ground-fault circuit-interrupter protection for personnel